

Year 4: Living Things & Their Habitats Knowledge Mat

Subject Specific Vocabulary		A Classification Key	Important knowledge
classification	The process of how things are grouped according to their features.		<ul style="list-style-type: none"> <input type="checkbox"/> I can group living things in a variety of ways and I know the different <input type="checkbox"/> classifications of animals: vertebrates, invertebrates, reptile, fish, <input type="checkbox"/> amphibian, bird and mammal <input type="checkbox"/> I know living things found in the local environment and create a <input type="checkbox"/> classification key to name leaves and trees. <input type="checkbox"/> I know the factors that impact on local environments and suggest protective measures. <input type="checkbox"/> I know the benefits of wildlife reserves and parks and explain why areas like this are needed. <input type="checkbox"/> I know changes that happen to the environment and on earth and the <input type="checkbox"/> impact these have on living things. <input type="checkbox"/> I know what is meant by extinction and I know animals that are extinct or <input type="checkbox"/> endangered; I know factors that can cause extinction. <input type="checkbox"/> I know what is meant by 'survival of the fittest'.
key	A sorting diagram used to classify and identify living things according to their features.		
vertebrate/ invertebrate	An animal with a back bone/without a back bone.		<ul style="list-style-type: none"> <input type="checkbox"/> I can use Venn diagrams and Carroll diagrams to group animals. <input type="checkbox"/> I can identify similarities and differences. <input type="checkbox"/> I can collect and record a range of living things from the local Environment. <input type="checkbox"/> I can group, sort and classify living things. <input type="checkbox"/> I can use my scientific understanding to describe problems with local environments and habitats and make suggestions for how to overcome them. <input type="checkbox"/> I can explore the local environment and identify ways in which humans are having a positive impact. <input type="checkbox"/> I can set up a fair test and explain why it is fair and collect data from an investigation. <input type="checkbox"/> I can use books and the internet to answer questions about the environment and adaptation. <input type="checkbox"/> I can record what I have learned about environmental changes and living things.
mammal	A warm-blooded, fur or hair covered vertebrate that feeds its young with milk, e.g. human, dogs.		
reptile	A scaly vertebrate that lays eggs on land, e.g., snakes, lizards.		
amphibian	A cold-blooded vertebrate that can live on land and in water.		
adaptation	The process where living things adapt to their environment over time in order to survive.		
extinction	When a species no longer survives on earth – it has died out.		
endangered	When a species is at risk of becoming extinct.		
environment	The physical surroundings in which living things survive.		